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**Safety**

**DEFENSIVE FLARE SYSTEMS**

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This instruction implement AFD 91-2, Safety Programs. This instruction establishes specific guidelines for aircraft arriving at Andrews AFB armed with defensive flare systems (DFS). Flares are directional firing munitions, and pose additional hazards because of their potential destruction capabilities if inadvertently activated on the ground. Aircraft armed with DFS require special parking, notification, and handling procedures. All personnel working around these aircraft require hazard familiarization training. Our goal is to inform all affected base agencies when these aircraft are parked on Andrews AFB and to minimize the hazards with DFS. References: AFMAN 91-201, Explosive Safety Standards; AFI 21-201, Inspection, Storage, and Maintenance of Non-Nuclear Munitions; AFI 13-213, Airfield Management; and T.O. 11A-1-46, Fire Fighting Guidance.

**1. Sequence of Notification Events:**

- 1.1. When notified of aircraft armed with DFS inbound into Andrews AFB, 89 AW Command Post (CP) will inform Transient Alert (TA) and Air Terminal Operations Center (ATOC). The CP will provide the estimated time of arrival and request a parking location from TA.
- 1.2. TA will determine the aircraft parking location. The aircraft will be positioned to present minimum hazards to personnel and resources.
- 1.3. CP will relay the parking location to inbound aircraft commander.
- 1.4. CP will notify Base Operations, Fire Department, and Security Forces of the aircraft parking location, and estimated time of arrival and departure.
- 1.5. All personnel working around these aircraft will receive familiarization training on the hazards associated with DFS. (Reference: AFMAN 91-201, section 1.1)

**2. Parking Location Approval.** Chief, Airfield Management will maintain a current listing of approved parking locations for aircraft armed with DFS (Reference: AFI 13-213, Attachment 1). TA will use this listing to determine a safe parking location. (Reference: AFMAN 91-201, paragraph 3.25.1)

**NOTE:**

Base Safety will review the listing of approved parking locations annually.

**3. Safety Procedures:**

- 3.1. After the aircraft is parked, chocked, and pinned, the appropriate aircrew member will post the fire warning symbol signs. (Reference: specific aircraft technical order)
- 3.2. Special precautions will be observed when loading or performing maintenance on aircraft armed with DFS. Most large frame cargo aircraft will have DFS capability; however, the mission will dictate if the system will be loaded. Consult the specific aircraft technical order for safety requirements.
- 3.3. Personnel should not stand or park vehicles unnecessarily near the flare dispensers. Consult the specific aircraft technical orders for flare dispenser locations. (Reference: AFMAN 91-201, paragraph 3.25.1)
- 3.4. Radios will not be operated within 10 feet of the DFS dispensers. (Reference: AFMAN 91-201, Table 3.3)

**4. Emergency Procedures:**

- 4.1. In the event of an incident, accident, or fire involving DFS, request assistance from 89 AW/CP. 89 AW/CP will contact the following agencies: fire department, explosive ordnance disposal, wing weapons safety, security forces, and the logistics group commander.
- 4.2. If possible, immediately notify all personnel in close proximity.
- 4.3. Evacuate all nonessential personnel to a safe distance of 600 feet, (Reference: T.O. 11A-1-46, page 1.3) or as determined by the on-scene commander.

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Commander